Claims

1. A method (101) for offering a service in an information network, **characterized** in that data related to a transaction are transferred (102) in an open network, said data are accepted (104) and the acceptor of the data is identified (107) through authentication performed in a closed network.

2. A method according to claim 1, **characterized** in that said acceptance of data comprises steps in which

- accepting the data related to said transaction is performed (104) by entering a code at a terminal (207) of a closed network,
- said code entered at a terminal is identified and authenticated (105), and
- said data related to the acceptance of a transaction are transferred (412, 413) to a service provider (203, 205) via a closed network.

3. A method according to claim 1, **characterized** in that said transaction is a commercial transaction (401).

4. A method according to claim 1, **characterized** in that said transaction is the digital signing (501) of a form.

5. A method according to claim 1, **characterized** in that the parties associated with the transfer of data are identified by a service provider (203, 205).

6. A method according to claim 1, **characterized** in that the parties associated with the transfer of data are identified by a reliable third party.

7. A method according to claim 1, **characterized** in that said code entered at a terminal (207) is a PIN code that can be authenticated by a SIM card (220).

8. A method according to claim 1, **characterized** in that the decryption of data related to said transaction is performed using a service user's terminal (207).

9. A method according to claim 1, **characterized** in that the data related to the acceptance of said transaction are encrypted using a service user's terminal (207).

10. A method according to claim 1, **characterized** in that said transaction data are sent from a service user's system (201, 301) to a service provider's (203, 205) system via an open information network (202).

11. A method according to claim 1, **characterized** in that the data related to the acceptance of said transaction are sent to a service provider's (203, 205) system via a closed network (206).

12. An arrangement (200, 300) for offering a service in an information network, **characterized** in that the arrangement comprises an open (202) and a closed (206) information network, a means (208, 303) for transferring data related to a transaction in the open network, a means (213) for accepting said data, and a means (216) for identifying the acceptor of the data through authentication performed in the closed network.

13. An arrangement according to claim 12, **characterized** in that said acceptance of data further involves

- a means (213) for accepting the data related to said transaction by entering a code at a terminal (207) of a closed network,

- a means (214) for identifying and authenticating said code entered at a terminal, and

- a means (215) for transferring said data related to the acceptance of a transaction to a service provider (203, 205) via a closed network (206).

14. An arrangement according to claim 12, **characterized** in that said closed network (206) is a mobile telephone network.

15. An arrangement according to claim 12, **characterized** in that said open network (202) is the internet.

16. An arrangement according to claim 13, **characterized** in that said terminal (207) of a closed network is a wireless terminal.

17. An arrangement according to claim 16, **characterized** in that said terminal (207) has a SIM card (220).

18. An arrangement according to claim 16, **characterized** in that an encryption key (221) is stored on the SIM card (220) of said terminal (207).

19. An arrangement according to claim 16, **characterized** in that said terminal (207) has a processor (222) for encrypting and decrypting data.